

ABSTRACT

A catheter assembly for delivering an endoprosthesis within a body lumen. A delivery catheter assembly is provided which includes a stent with biocompatible material thereon for preventing the stent from expanding or otherwise dislodging from 5 the catheter. The stent with biocompatible material is secured to an expandable member of a delivery catheter, whereby inflation of the expandable member causes the biocompatible material to fail, thereby permitting the stent to expand and deploy in a body lumen.